

FIG. 1

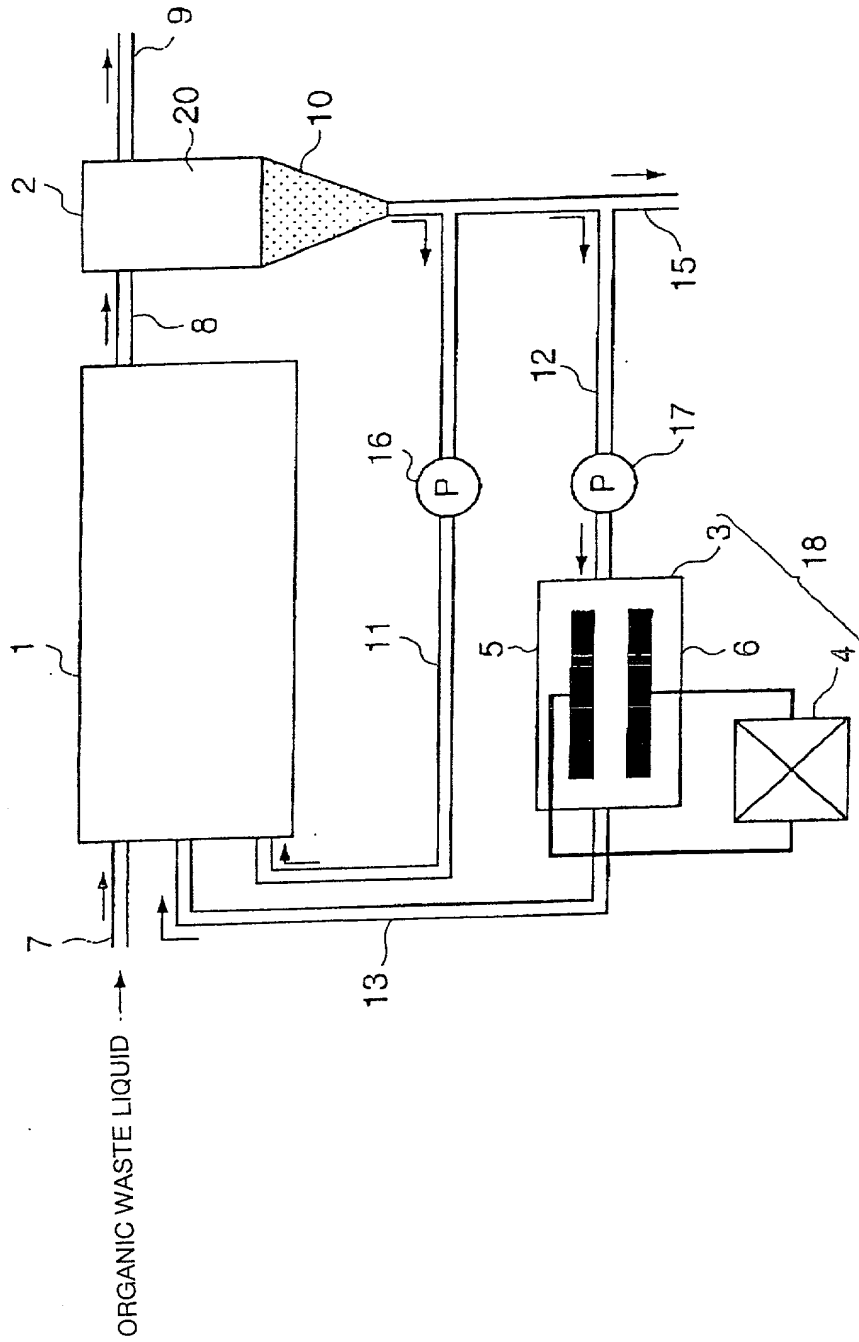


FIG. 2

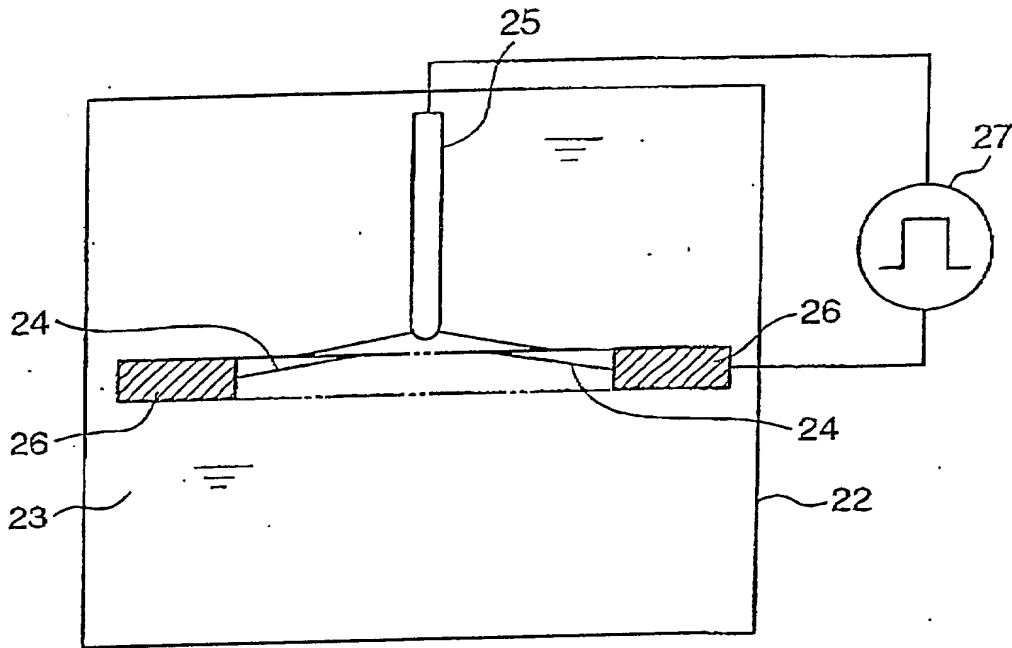


FIG. 3

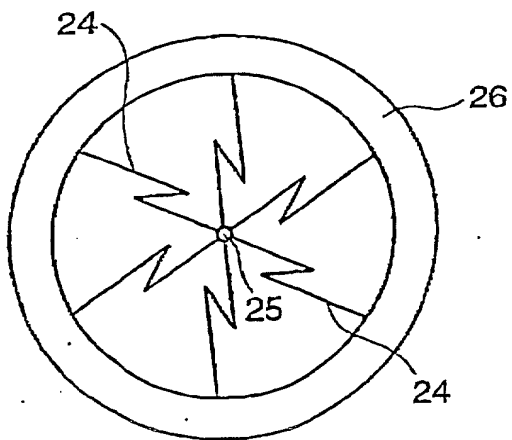
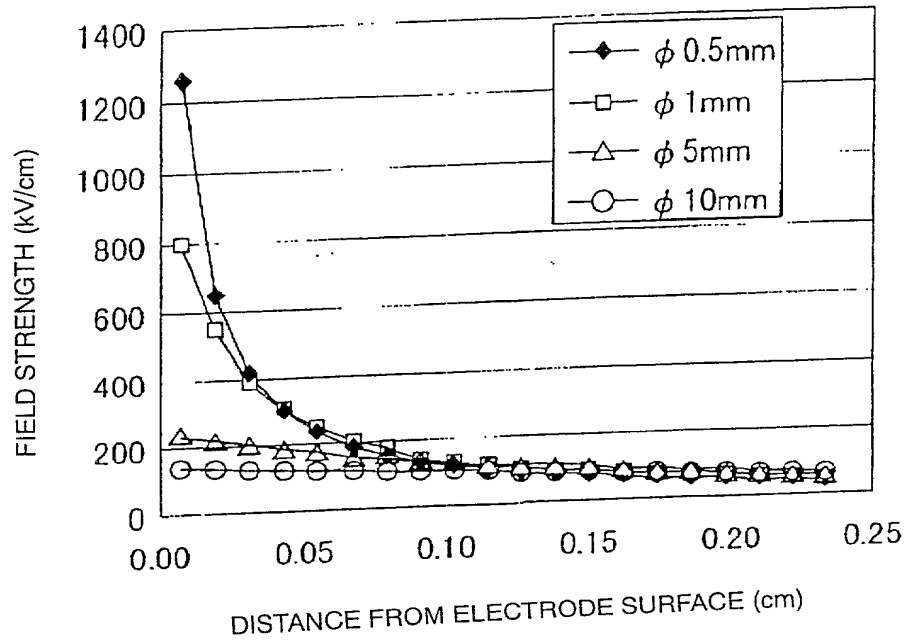
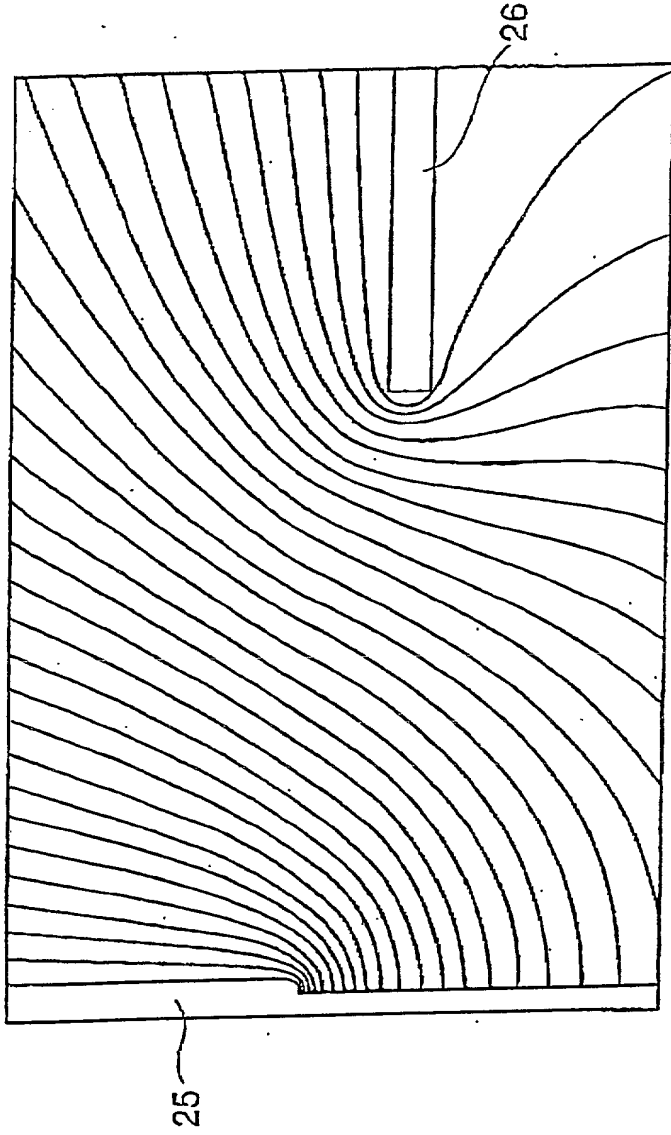


FIG. 4





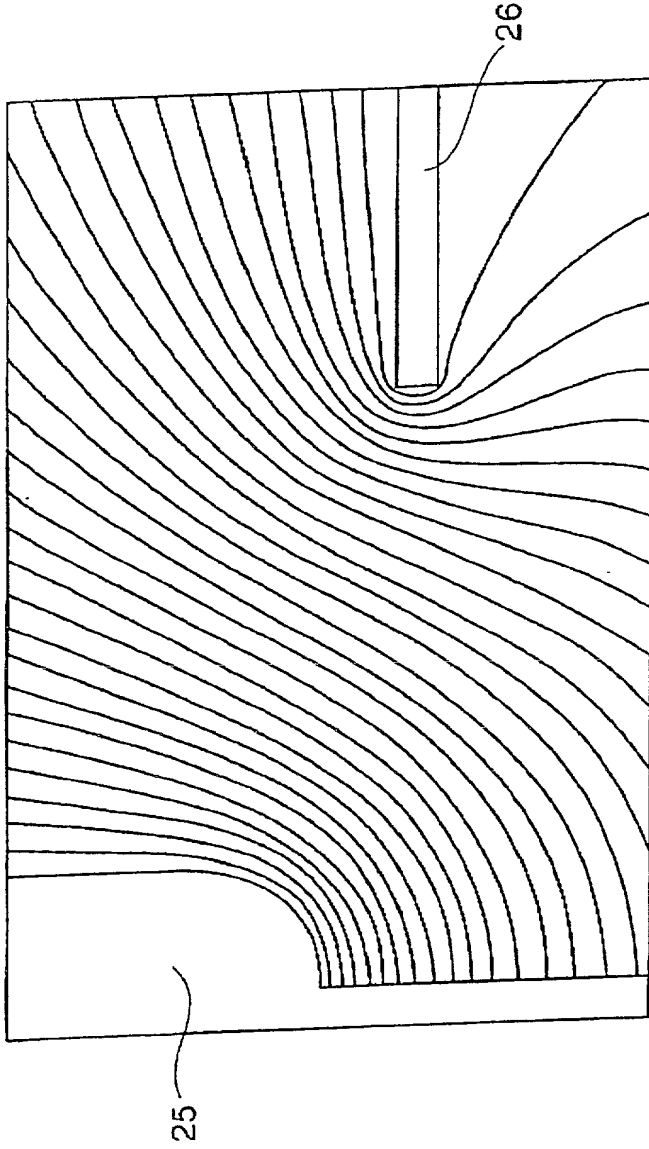


FIG. 6

FIG. 7

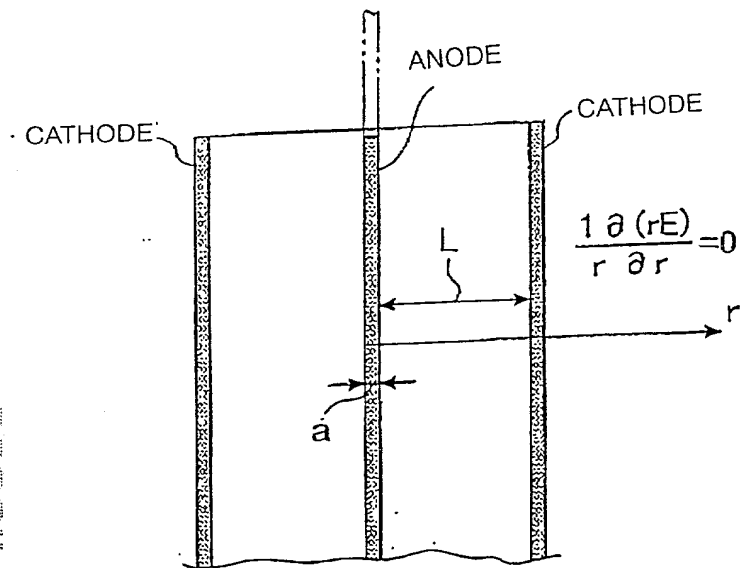


FIG. 8

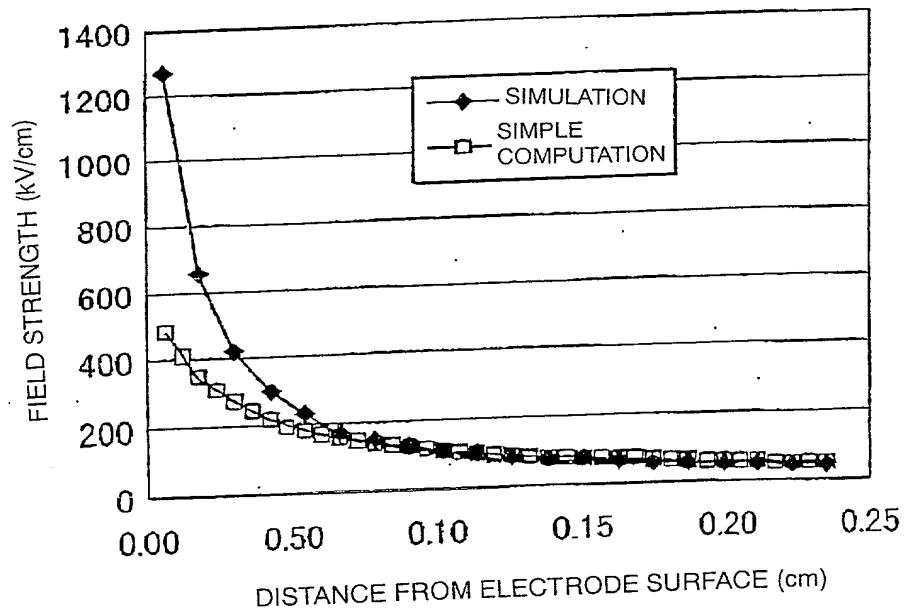


FIG. 9

ANODE ELECTRODE POTENTIAL

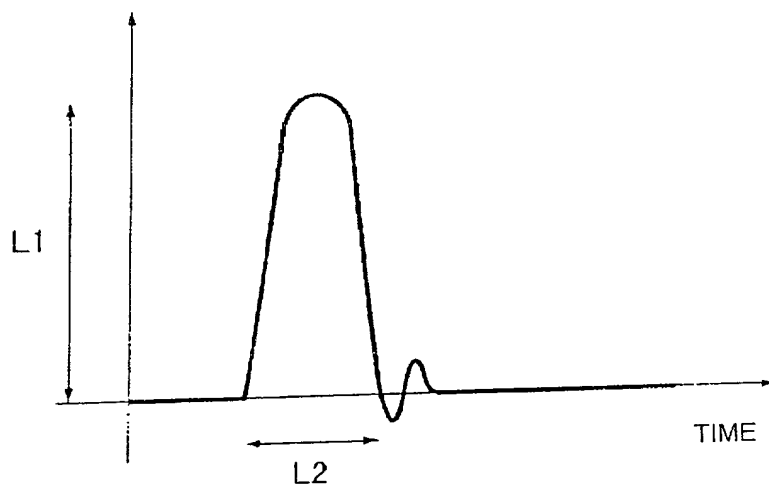


FIG. 10

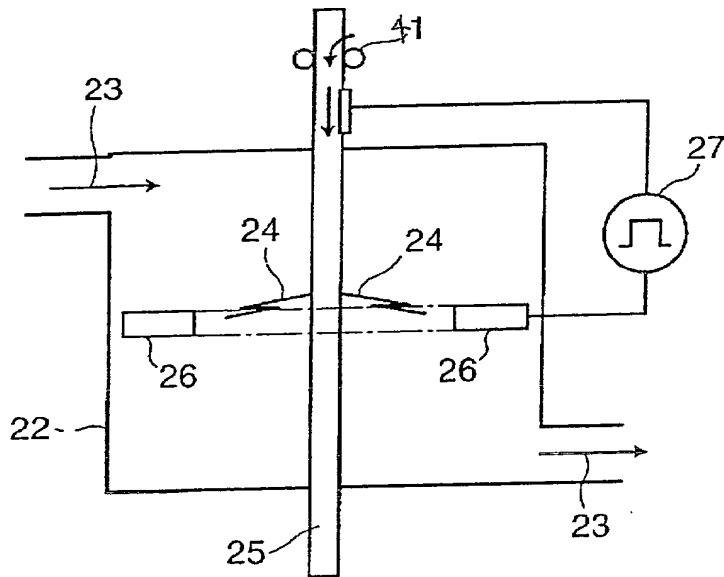




FIG. 13A

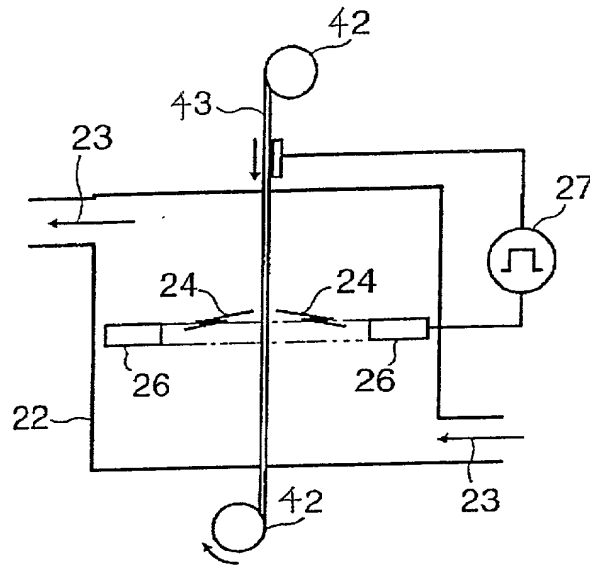


FIG. 13B

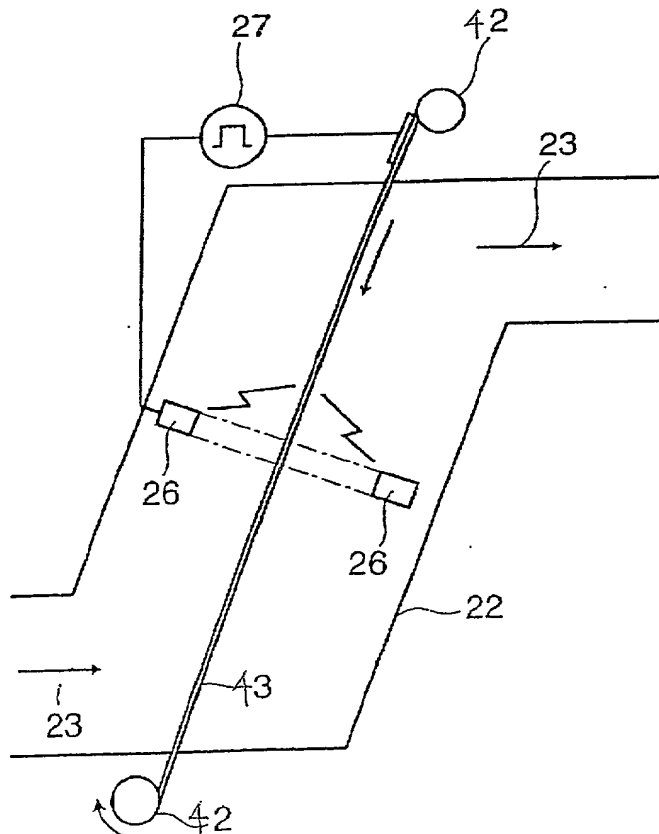


FIG. 11

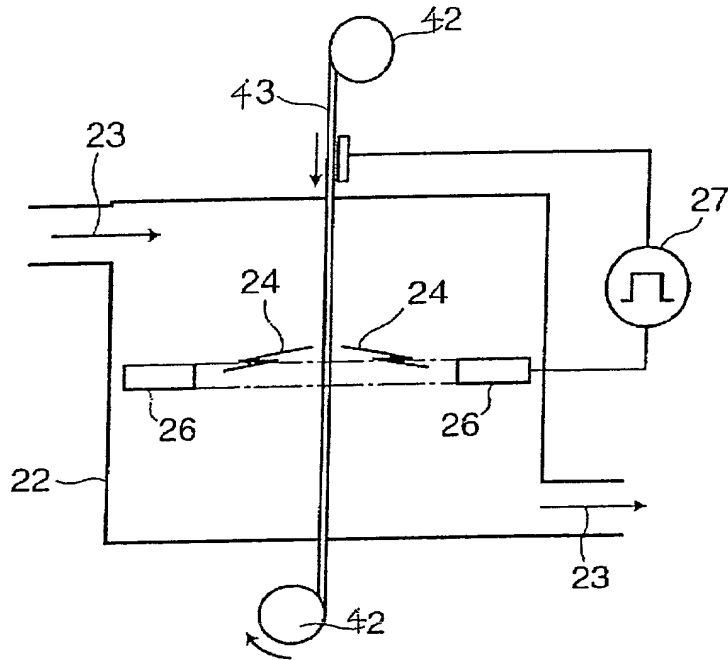


FIG. 12

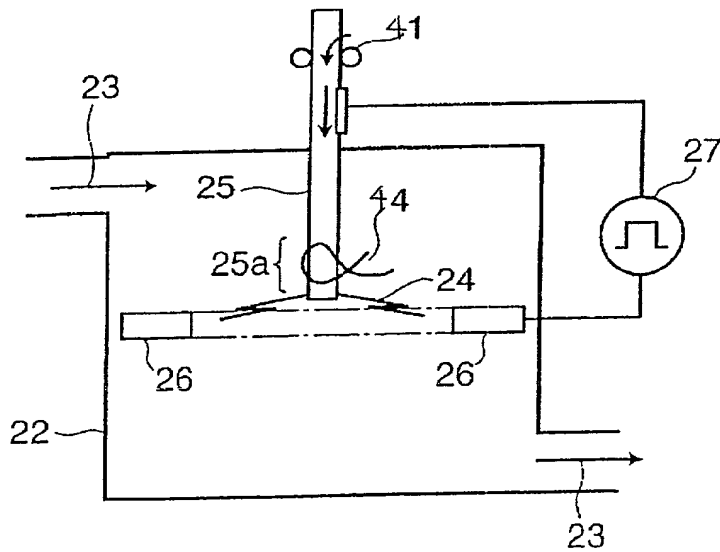


FIG. 14

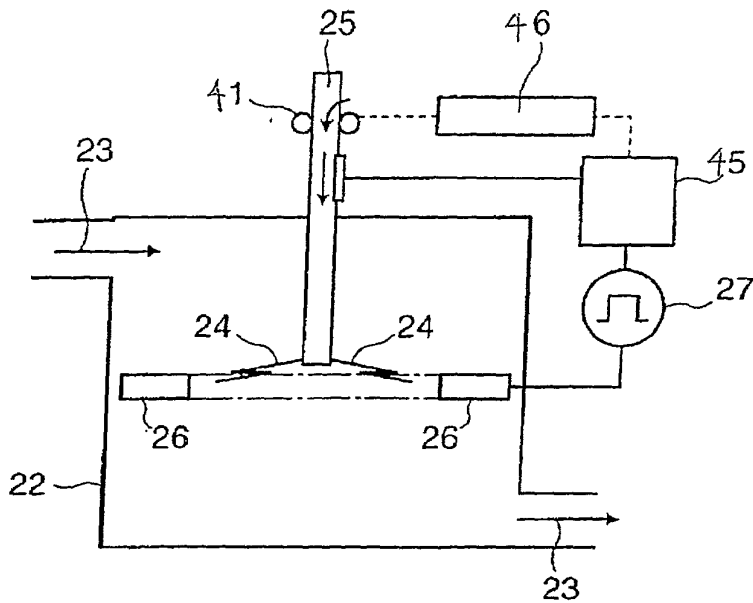
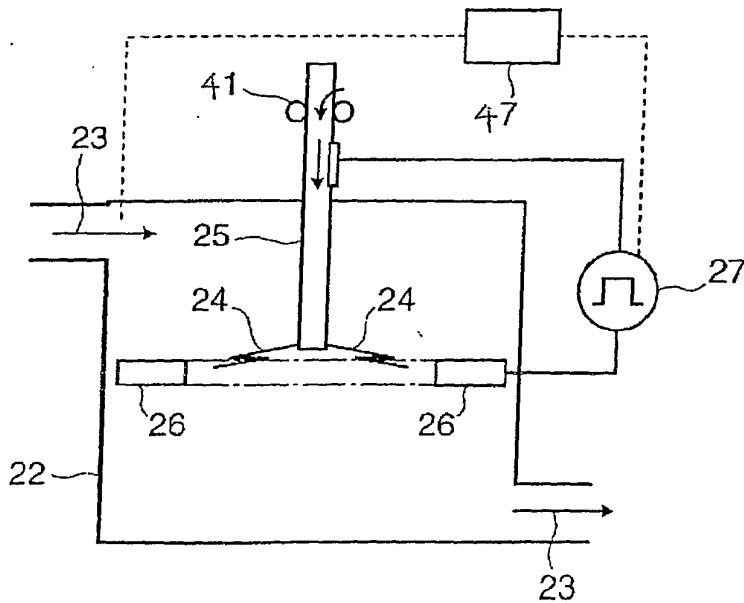


FIG. 15



A schematic diagram of a magnetic field measuring device. A vertical rod 25 is positioned centrally. A rectangular coil 22 surrounds the rod. The coil has two vertical legs 48 and two horizontal legs 23. The left horizontal leg 23 has an inlet arrow, and the right horizontal leg 23 has an outlet arrow. Two small components 24 are located on the inner vertical legs 48. A dashed line passes through the center of the coil. A circuit is connected to the top of the rod 25, passing through a switch 41 and a square-wave pulse generator 27, and then connecting to the right horizontal leg 23 of the coil.

FIG. 17A

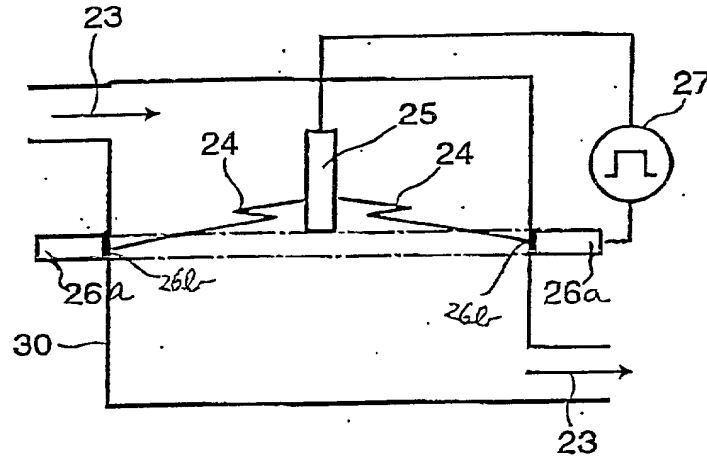


FIG. 17B

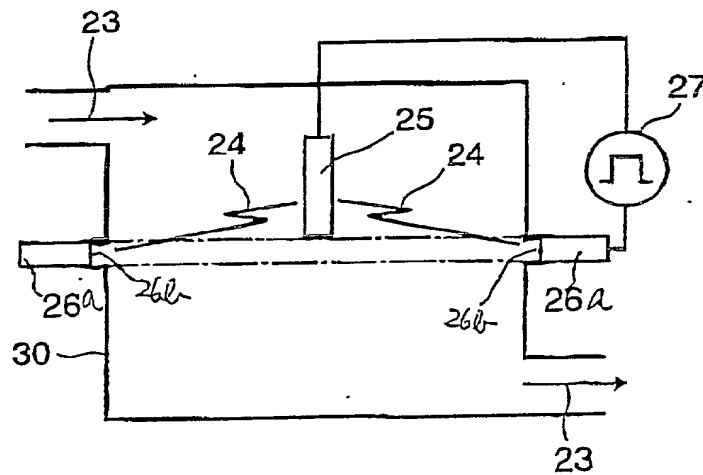


FIG. 18A

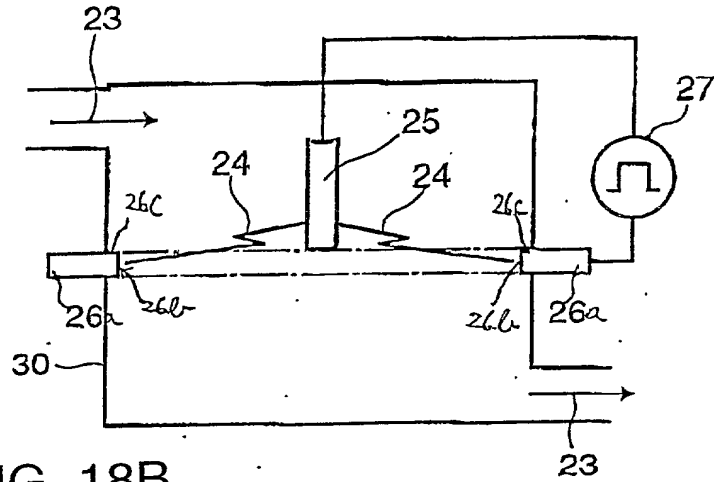
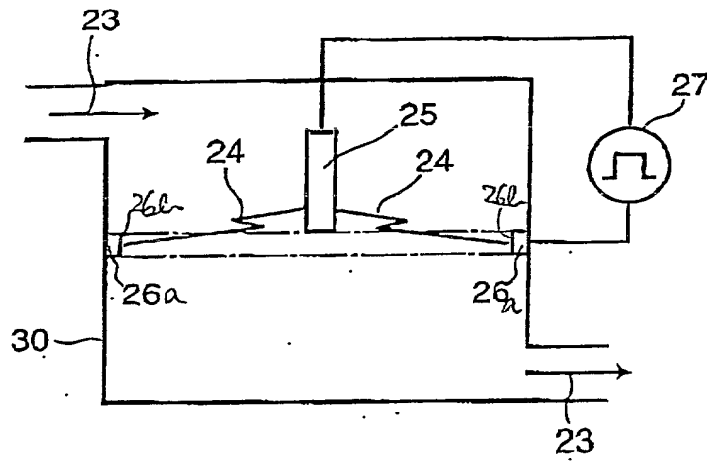


FIG. 18B



98

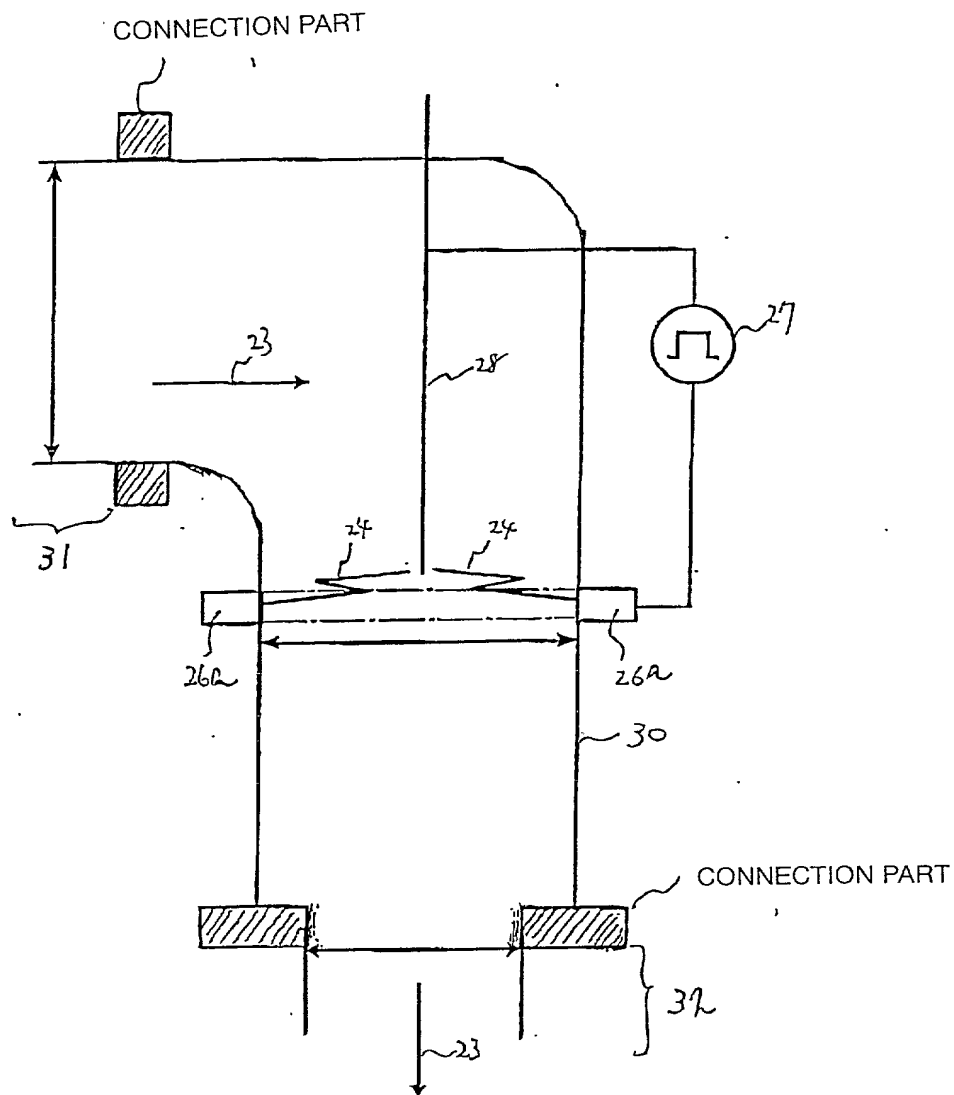


FIG. 20

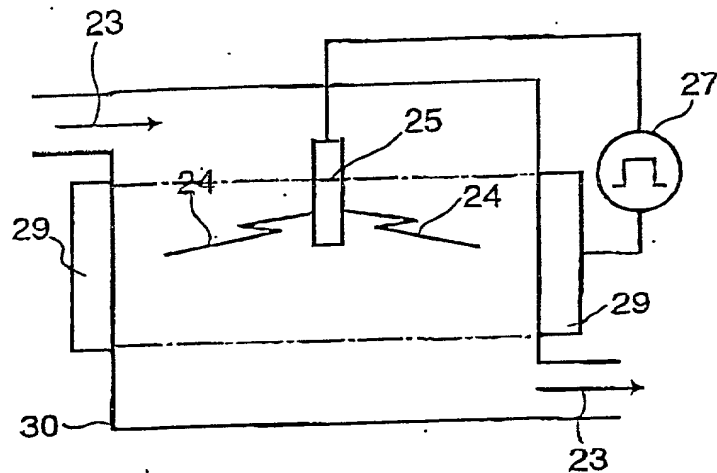




FIG. 21

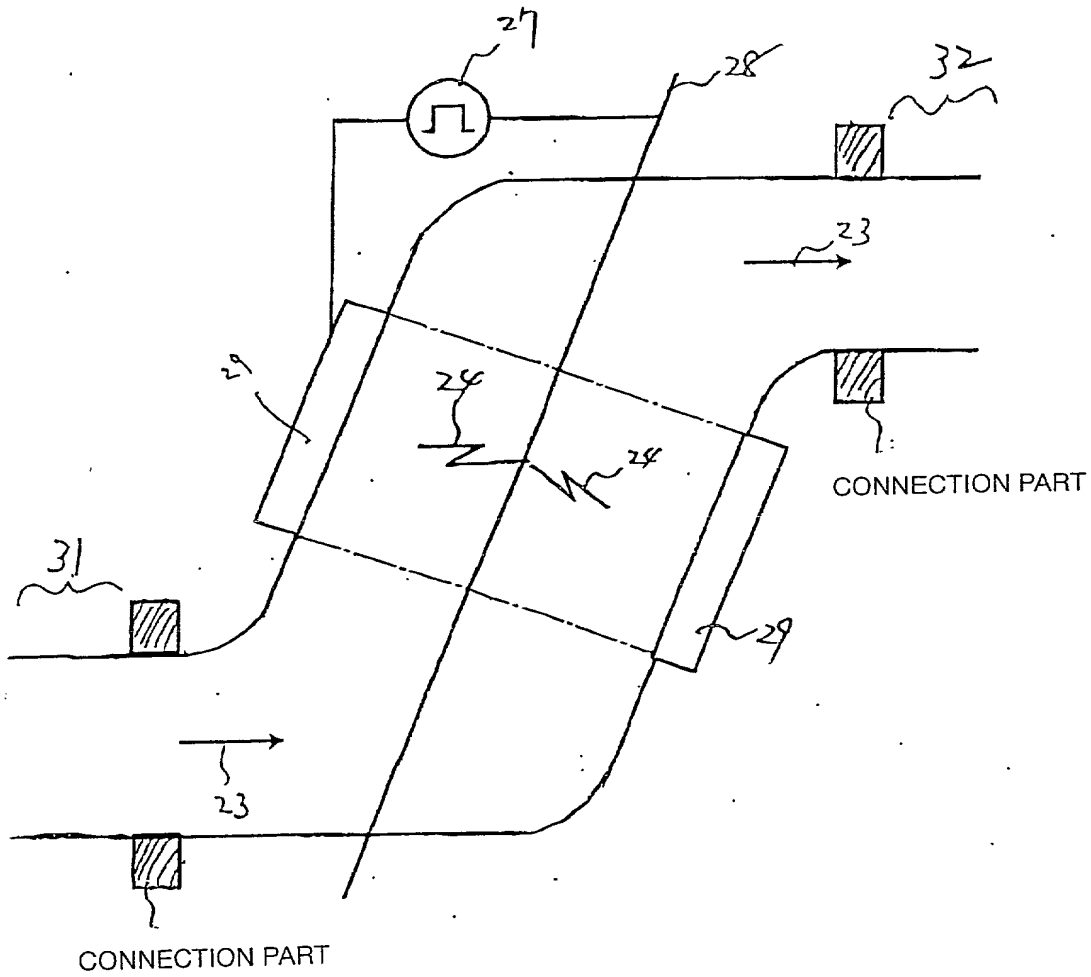


FIG. 22A-1

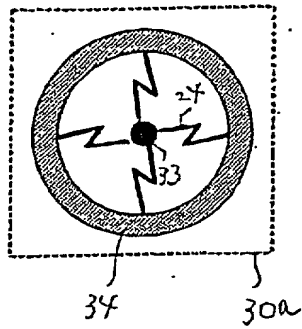


FIG. 22A-2

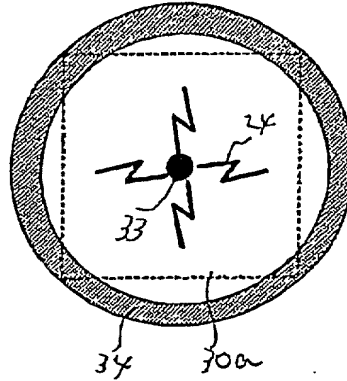


FIG. 22B-1

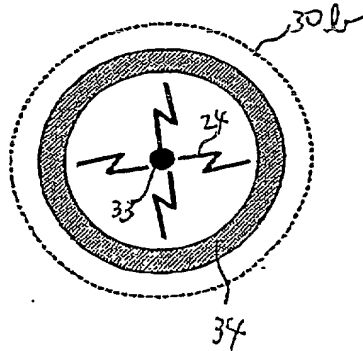


FIG. 22B-2

